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(57) Abstract :
 INTEGRATING POSITIVE PSYCHOLOGY AND MACHINE LEARNING FOR ENGLISH AS A FOREIGN LANGUAGE (EFL) STUDENTS' ACADEMIC PERFORMANCE IN HIGHER EDUCATION The method for the development of the field of positive psychology (PP) investigates how happy feelings can maximize performance. The current study attempted to incorporate PP into English as a foreign language teacher education program in order to evaluate its effects on the development of positivity among teachers and potential improvements in their instructional practice. This was done in response to a lack of research on the potential of PP in enhancing language teacher education. On a weekly basis, they were also required to submit reflections regarding the teaching they had received. The teachers developed positive emotions, engagement, relationships, meaning, and accomplishment, which led to their improved instructional practice, according to a thematic analysis of their reflections. Many instructors believe that their responsibility is restricted to creating lesson plans, providing in-class instruction, writing tests, grading assignments, and other paperwork, according to data from a sample of EFL and translation instructors and students. They stated that in EFL and translation and interpreting courses, students face numerous academic challenges. They continued by saying they had no idea what positive psychology is or how to incorporate its ideas into their classes. Social media answers and remarks from students revealed that they had a poor self-perception. FIG.1

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